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NAME: EXAMINER B. J. O'BRIEN, GROUP ART UNIT 2183

FIRM: U.S. PATENT AND TRADEMARK OFFICE

CITY: ALEXANDRIA, VIRGINIA

FAX NO: (703) 872-9306

REMARKS: Serial No. 09/838,078 , filed 04/19/2001
Attached hereto is a Response to Office Action dated April 16, 2004, for
filing with the U.S. Patent and Trademark Office. Please acknowledge
receipt of this facsimile.

Total Number of Pages (Including This One): SIXTEEN (16)

FROM: Jonathan M. Harris, Direct Dial No. (713) 238-8045

DATE: June 22, 2004

CLIENT/MATTER NO. 1662-37200 (200301820-1)

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ORIGINAL
IN THE

PATENT APPLICATION

ATTORNEY DOCKET NO. 200301820-1

UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Shubhendu S. MUKHERJEE et al.

Confirmation No.: 9585

Application No.: 09/838,078

Examiner: B. J. O'Brien

Filing Date: 04/19/2001

Group Art Unit: 2183

Title: SIMULTANEOUS AND REDUNDANTLY THREADED PROCESSOR BRANCH OUTCOME
QUEUE

Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee
(X) Other: Change of Correspondence Address, Application (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	21	MINUS	21	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Shubhendu S. MUKHERJEE et al.

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number (703) 872-9306 on 06/22/2004
Number of pages: 15

Typed Name: Christina L. Paz

Signature: Christina L. PazBy Jonathan M. Harris

Jonathan M. Harris

Attorney/Agent for Applicant(s)
Reg. No. 44,144

Date: 06/22/2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Shubhendu S. Mukherjee	§	Confirmation No.:	9585
		§		
Serial No.:	09/838,078	§	Group Art Unit:	2183
		§		
Filed:	04/19/2001	§	Examiner:	B. J. O'Brien
		§		
For:	Simultaneous And	§	Docket No.:	200301820-1
	Redundantly Threaded	§		
	Processor Branch	§		
	Outcome Queue	§		

RESPONSE TO OFFICE ACTION DATED APRIL 16, 2004

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Date: June 22, 2004

AMENDMENT

Sir:

In response to the Office action of April 16, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

Remarks/Arguments begin on page 10 of this paper.